

ABSTRACT OF THE DISCLOSURE

A switched capacitor filter having an anti-aliasing function includes integration circuits of multiple-stages, each of which is provided with an amplifier and a switched capacitor. At least an integration circuit of the first stage has a resistor. In the filter, bipolar transistors are used for the input stage of an amplifier in at least one of the integration circuits having a resistor. On the account of this, $1/f$ noise is reduced.